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UCT-003

SERIAL NO.

09/993,984

APPLICANT:

Bahram Javidi et al.

EXAMINER

Minh Dinh

FILING DATE:

November 23, 2001

GROUP

2431 2132

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Technology Center 2100

U.S. PATENT DOCUMENTS

Exam. Init.	Document Number	Date	Name	Class	Sub Class	filing date if appropriate

FOREIGN PATENT DOCUMENTS

Init.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

MD	O. Matoba and B. Javidi, Secure Ultrafast Communication With Spatial-Temporal Converters, Applied Optics, Vol. 39, No. 17, 2975-2981 (June 10, 2000).

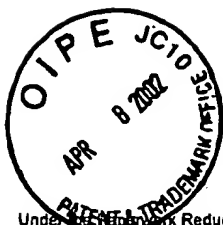
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Substitute for form 1449B/PTO		Complete if Known	
		Application Number	09/993,894
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	November 23, 2001
		First Named Inventor	Bahram Javidi
		Group Art Unit	2132
		Examiner Name	Hinh Dinh
		Attorney Docket Number	UCT-0003-00
Sheet	1	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MD		H.-Y., Li, Y. Qiao, and D. Psaltis, "Optical neural network for real-time face recognition," Appl. Opt. 32, 5026-5035 (1993)	
		C. L. Wilson, C. I. Wilson and E.G. Peak, "Combined optical neural network fingerprint matching," in Optical Pattern Recognition VIII, D.P. Casasent and T. Chao, eds. Proc. SPIE 3073, 373-382 (1997)	
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		P. Réfrégier and B. Javidi, "Optical image encryption based on input plane and Fourier plane random encoding," Opt. Lett. 20, 767-769 (1995).	
		H. F. Heanue, M.C. Bashaw, and L. Hesselink, "Encrypted holographic data Storage Based on Orthogonal-phase-code multiplexing," Appl. Opt. 34, 6012-6015 (1995).	
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		O. Matoba and B. Javidi, "Encrypted optical memory system using three-dimensional keys in the Fresnel domain," Opt. Lett. 24, 762-764 (1999)	
		G. Unnikrishnan, J. Joseph, and K. Singh, "Optical encryption system that uses phase conjugation in a photorefractive crystal," Appl. Opt. 37, 8181-8186 (1998)	
✓		Y.T. Mazurenko, "Holography of wave packets," Appl. Phys. B 50, 101-114 (1990)	

Examiner Signature	<i>Hinh Dinh</i>	Date Considered	7/28/05
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/993,894
		Filing Date	November 23, 2001
		First Named Inventor	Bahram Javidi
		Group Art Unit	2122
		Examiner Name	Mink DGL
Sheet 2 of 2	Attorney Docket Number	UCT-0003-00	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
MD		A.M. Weiner, D.E. Leaired, D.H. Reitze, and E.G. Peak, "Femtosecond Spectral Holograph," IEEE J. Quantum Electron. 28, 2251-2261 (1992)	
		A.W. Weiner, J.P. Heritage, and J.A. Salehi, "Encoding and Decoding of Femtosecond Pulses," Opt. Lett. 13, 300-302 (1988).	
		M.C. Nuss, M. Li, T.H. Chiu, A.M. Weiner, and A. Partori, "Time-to-Space mapping of femtosecond pulses," Opt. Lett. 19, 664-666 (1994)	
		P.C. Sun, Y.T. Mazurenko, W.S.C. Chang, P.K.L. Yu, and Y. Fainman, "All-optical Parallel-to-Serial Conversion by holographic spatical-to-temporal frequency encoding," Opt. Lett. 20, 1728-1730 (1995).	
		D.M. Marom, P.C. Sun, and Y. Fainman, "Analysis of spatial-temporal converters for all-optical communication links," Appl. Opt. 37, 2858-2868 (1998).	
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✓		T. Konishi and Y. Ichioka, "Ultrafast image transmission by optical time-to-two-dimensional-space-to-time-two-dimensional-space conversion," J. Opt. Soc. Am. A 16, 1076-1088 (1999)	

Examiner Signature	<i>Mink DGL</i>	Date Considered	7/28/05
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